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UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of : Katsuhige MARUI, *et al.*
Group Art Unit : (Unassigned)
Application No. : 10/567,162
Examiner : (Unassigned)
Filed : February 3, 2006
Docket No. : 10089/29
For:
AND : HOLLOW FIBER MEMBRANE SUBMODULE
MODULE INCLUDING THE SAME

MAIL STOP -- PCT
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

COMMUNICATION

To complete the above-referenced national phase application, please find enclosed the following:

1. Executed Declaration
2. Preliminary Amendment
3. Verification of a Translation
4. English Translation of Application
5. Formal Drawings
6. Recordation Cover Sheet, and
7. Executed Assignment.

Conclusion

The Examiner is invited to contact the undersigned to discuss any issues regarding this application.

The Office is authorized to charge any fees or credit any overpayment to Kenyon & Kenyon deposit account no. 11-0600.

Respectfully submitted,


Cassandra T. Swain, Ph.D.
(Reg. No. 48,361)

Date: March 14, 2006

KENYON & KENYON LLP
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PATENT APPLICATION
Serial Application No.: 10/567,162
Page 1 of 1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPL. NO. : 10/567,162
APPLICANT : Katsuhige MARUI, *et al.*
FILED : February 3, 2006
TITLE : HOLLOW FIBER MEMBRANE SUBMODULE AND
MODULE INCLUDING THE SAME
GROUP ART UNIT : (Unassigned)
EXAMINER : (Unassigned)
CUSTOMER NO. : 23838
DOCKET NO. : 10089/29

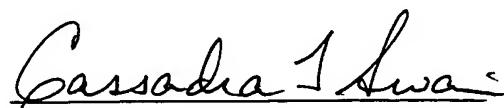
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Alexandria, VA 22313-1450

SUBMISSION OF REPLACEMENT DRAWINGS

SIR:

We enclose herewith 8 formal drawing sheets containing Figs. 1 through 8, for the above-identified patent application. Please replace the drawings originally filed for this application with these formal drawings.

Respectfully submitted,


Cassandra T. Swain, Ph.D.
(Reg. No. 48,361)

Date: March 14, 2006

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VERIFICATION OF A TRANSLATION

I, the below named translator, hereby declare that:

My name and post office address are as stated below:

That I am knowledgeable in the English language and in the language in which the below identified international application was filed, and that I believe the English translation of the international application No. PCT/JP2003/012194 is a true and complete translation of the above identified international application as filed.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such wilful false statements may jeopardize the validity of the application or any patent issued thereon.

Date

March 1, 2006

Full name of the translator Tomoko HIDA

Signature of the translator Tomoko Hida

Post Office Address Kitahama TNK Building 7-1, Doshō-machi

1-chome, Chuo-ku, Osaka-shi, Osaka 541-0045

Japan

PCT REQUEST

Original (for SUBMISSION) - printed on 01.03.2006 12:54:22 PM

| | | |
|---------|--|--|
| 0 | For receiving Office use only | |
| 0-1 | International Application No. | |
| 0-2 | International Filing Date | |
| 0-3 | Name of receiving Office and "PCT International Application" | |
| 0-4 | Form - PCT/RO/101 PCT Request | |
| 0-4-1 | Prepared using | PCT-EASY Version 2.92 (updated 01.01.2003) |
| 0-5 | Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty | |
| 0-6 | Receiving Office (specified by the applicant) | Japan Patent Office (RO/JP) |
| 0-7 | Applicant's or agent's file reference | 030053PC1 |
| I | Title of invention | HOLLOW FIBER MEMBRANE SUBMODULE AND MODULE INCLUDING THE SAME |
| II | Applicant | |
| II-1 | This person is: | |
| II-2 | Applicant for | |
| II-4 | Name | |
| II-5 | Address: TOYO BOSEKI KABUSHIKI KAISHA 2-8, Dojimahama 2-chome, Kita-ku Osaka-shi, Osaka 530-8230 Japan | |
| II-6 | State of nationality | |
| II-7 | State of residence | |
| II-8 | Telephone No. | |
| II-9 | Facsimile No. | |
| II-10 | e-mail | |
| III-1 | Applicant and/or inventor | |
| III-1-1 | This person is: | |
| III-1-2 | Applicant for | |
| III-1-4 | Name (LAST, First) | |
| III-1-5 | Address: MARUI, Katsushige c/o TOYO BOSEKI KABUSHIKI KAISHA IWAKUNI MEMBRANE PLANT 1-1, Nada-machi Iwakuni-shi, Yamaguchi 740-8567 Japan | |
| III-1-6 | State of nationality | |
| III-1-7 | State of residence | |

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| | | |
|---------|---|--|
| III-2 | Applicant and/or inventor | |
| III-2-1 | This person is: | |
| III-2-2 | Applicant for | |
| III-2-4 | Name (LAST, First) | |
| III-2-5 | Address: | |
| III-2-6 | State of nationality | |
| III-2-7 | State of residence | |
| III-3 | Applicant and/or inventor | |
| III-3-1 | This person is: | |
| III-3-2 | Applicant for | |
| III-3-4 | Name (LAST, First) | |
| III-3-5 | Address: | |
| III-3-6 | State of nationality | |
| III-3-7 | State of residence | |
| IV-1 | Agent or common representative; or address for correspondence | |
| | No agent or common representative is/has been appointed; the following special address should be used as: | |
| IV-1-1 | Name | |
| IV-1-2 | Address: | |
| IV-1-3 | Telephone No. | |
| IV-1-4 | Facsimile No. | |
| IV-1-5 | e-mail | |

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| V | Designation of States | |
|--------|--|------------------------------------|
| V-1 | <p>Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)</p> <p>AP: GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW and any other State which is a Contracting State of the Harare Protocol and of the PCT</p> <p>EA: AM AZ BY KG KZ MD RU TJ TM and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT</p> <p>EP: AT BE BG CH&LI CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR and any other State which is a Contracting State of the European Patent Convention and of the PCT</p> <p>OA: BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG and any other State which is a member State of OAPI and a Contracting State of the PCT</p> | |
| V-2 | National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned) | |
| | AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH&LI CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW | |
| V-5 | Precautionary Designation Statement In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. | |
| V-6 | Exclusion(s) from precautionary designations | NONE |
| VI-1 | Priority claim of earlier national application | |
| VI-1-1 | Filing date | 05 August 2003 (05.08.2003) |
| VI-1-2 | Number | 2003-286733 |
| VI-1-3 | Country | JP |
| VI-2 | Priority document request The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s): | VI-1 |

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|--------|--|------------------------------------|-----------------------------|
| VII-1 | International Searching Authority Chosen | Japan Patent Office (JPO) (ISA/JP) | |
| VIII | Declarations | Number of declarations | |
| VIII-1 | Declaration as to the identity of the inventor | - | |
| VIII-2 | Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent | - | |
| VIII-3 | Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application | - | |
| VIII-4 | Declaration of inventorship (only for the purposes of the designation of the United States of America) | - | |
| VIII-5 | Declaration as to non-prejudicial disclosures or exceptions to lack of novelty | - | |
| IX | Check list | number of sheets | electronic file(s) attached |
| IX-1 | Request (including declaration sheets) | 5 | - |
| IX-2 | Description | 24 | - |
| IX-3 | Claims | 1 | - |
| IX-4 | Abstract | 1 | EZABST00.TXT |
| IX-5 | Drawings | 8 | - |
| IX-7 | TOTAL | 39 | |
| IX-8 | Accompanying items | paper document(s) attached | electronic file(s) attached |
| IX-17 | Fee calculation sheet | ✓ | - |
| IX-17 | PCT-EASY diskette | - | Diskette |
| IX-19 | Figure of the drawings which should accompany the abstract | 1 | |
| IX-20 | Language of filing of the international application | Japanese | |
| X-1 | Signature of applicant, agent or common representative | | |
| X-1-1 | Name | TOYO BOSEKI KABUSHIKI KAISHA | Seal |
| X-2 | Signature of applicant, agent or common representative | | |
| X-2-1 | Name (LAST, First) | MARUI, Katsushige | Seal |
| X-3 | Signature of applicant, agent or common representative | | |
| X-3-1 | Name (LAST, First) | KOTERA, Hideto | Seal |
| X-4 | Signature of applicant, agent or common representative | | |
| X-4-1 | Name (LAST, First) | KUMANO, Atsuo | Seal |

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| 10-1 | Date of actual receipt of the purported international application | |
|------|---|--|

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| | | |
|--------|---|--------|
| 10-2 | Drawings: | |
| 10-2-1 | Received | |
| 10-2-2 | Not received | |
| 10-3 | Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application | |
| 10-4 | Date of timely receipt of the required corrections under PCT Article 11(2) | |
| 10-5 | International Searching Authority | ISA/JP |
| 10-6 | Transmittal of search copy delayed until search fee is paid | |

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|------|--|--|
| 11-1 | Date of receipt of the record copy by the International Bureau | |
|------|--|--|